

Advanced Editing: Integrating Blaise with a Management System

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Overview

- Using one Blaise instrument for Interviewing and Data Cleaning
 - Consistency
 - Efficiency
- Yes, that's not new
- Still interesting to see integration in bigger Home Office System



Overview

We'll take a look at:

- Changes in the datamodel
- Data Flow
- Integration in overarching system

Differences in Datamodel for Cleaning Phase

- Same datamodel: Yes, but some behavior changes needed
 - Dealing with a 'wall'
 - Any additional soft or hard checks
 - Adapting to different 'interview situation'

Categories of issues

Categories of problems to deal with during data cleaning:

- Blaise remarks
- Additional soft/hard checks
- Questionnaire issues found after fielding start
- Issues coming from a HelpDesk
- Additional issues found during data cleaning

Data Flow

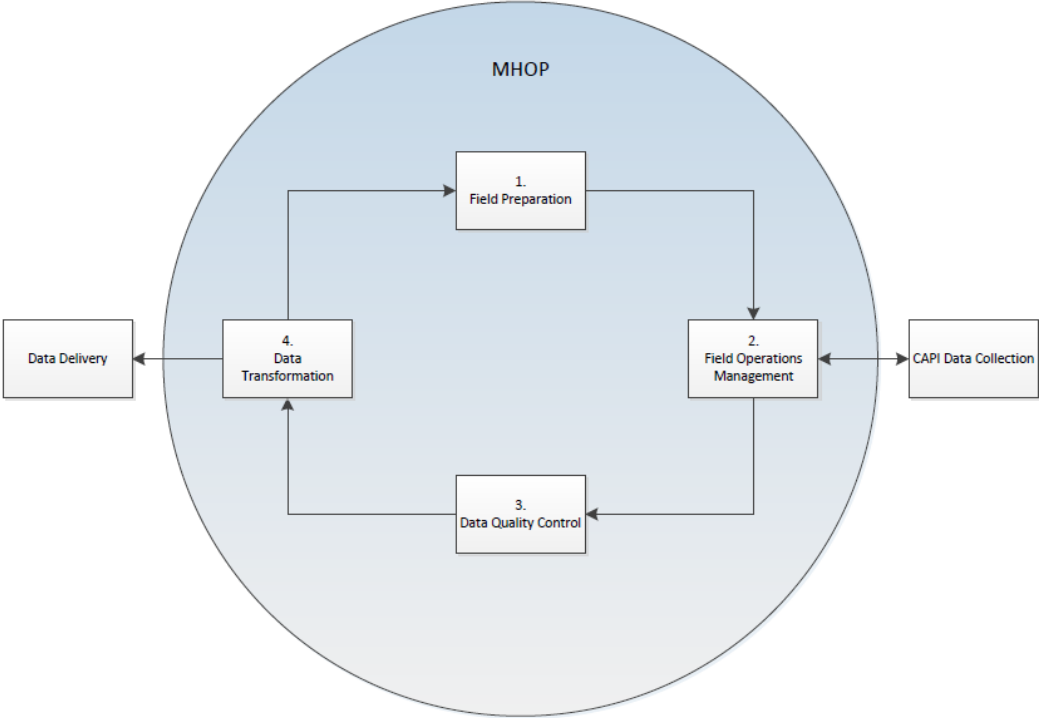


Data Flow

Oops, sorry!

Wrong Data

Data Flow



Integration in Home Office System

- Completed cases flow into our Data Cleaning database
- Issues per case in SQL Server
- C# program/interface that lets Data Technicians
 - See which cases and issues they've been assigned
 - Start the Blaise questionnaire
 - Update status of issues

Integration in Home Office System

Data Quality Control - DQC

Data Quality Control - DQC



DQC Home Case Detail Add New Issue Report

Total No. of Issues: 7
Total No. of Issues Pending: 7
Total No. of Issues Pending Supervisor Review: 0 ***Please do not open the above DQC viewers and the instrument at the same time.

Case Information

Case ID: 27050228A Interviewer ID:
Panel: 27 Interview Start Date: 8/1/2023
Round: 4 DQC Status: In Progress Instrument Status: 10-Cmp w/RU

Quick Viewers

Issue Description

Issue ID: 133050 Issue Description: please correct event for on april 18th he had a filling/ possible xray
Issue Category: Health
Source: Interviewer Comment
Question Number: Issue Added By: benson-flannery_s
Field Name: Date Reported: 8/8/2023
PersID: 0 EventID: 42

Issue Decision

Comment Category:
DQC Comment:

Last User: benson-flannery_s Character count: 0 of 2000

Status Date: 8/8/2023 Issue Status:

Multi Round Suspected Data Loss

1234567 Technician Complete

Field Datamodels

Field Data Quick Viewers

Conclusions

The use of the same Blaise datamodel for both interviewing and data cleaning lead to a very powerful and efficient system.

Creating a data flow with scheduled automatic processes, and a user-friendly interface for Data Technicians are other key elements of the system.

The system fits seamlessly between field interviewing and data delivery tasks, as well as creating preload for the next round of interviewing